

A Space Shuttle Flight Simulation

RENDEZVOUS



By Wesley Huntress, Ph.D.



EDUWARE[®]
Interactive Simulations[™]



RENDEZVOUS™

In four phases Rendezvous simulates an actual space shuttle flight from Earth Liftoff, through Orbital Rendezvous and Approach, to Alignment and Docking with a space station.

Rendezvous' high-resolution graphics and animation capture the drama and difficulty of space navigation. Shuttle liftoff and flight conditions are governed by gravitational forces, thrust, and your own piloting skills. Distance and engine burn time (measured in kilometers and seconds) complicate your orbital calculations.

Throughout the final alignment and docking sequence you will view the rotating, 3-dimensional space station as it would appear through a space craft's anterior window. 3-D Solid-Structure Graphics™ bring to life the massive bulk and solidity of the station and docking bay. In a precisely timed operation, you must maneuver your craft around the station and into the narrow, tunnel-like bay.

Once docking is achieved, a sophisticated algorithm scores your performance.

Maneuvers are implemented with either keyboard or joystick controls.

Recommended for individual players, 13 and over. Suitable for classroom application in General Science, Earth Science, and Physics.

Program © Copyright 1982 by Wesley Huntress
Documentation and Materials
© Copyright 1982 by Edu-Ware Services, Inc.

About the Author

Wes Huntress is a senior research scientist at NASA's Jet Propulsion Laboratory at the California Institute of Technology in Pasadena. He manages programs in Earth and planetary atmospheric sciences and pursues his own research into the chemistry of planetary atmospheres, comets, and interstellar space.

Huntress received his Ph.D. in chemical physics from Stanford University. Since joining JPL in 1968, he has contributed to a number of NASA missions, among them Mariner, UARS (the Upper Atmosphere Research Satellite project), and the 1979-80 Comet Mission Project.

#EW037-AP2 Applesoft, 48K, DOS 3.3

#EW037-ABD800 Atari BASIC, 48K, Disk Drive

Rendezvous and Solid-Structure Graphics are Trademarks of Edu-Ware Services, Inc.

Apple is a Registered Trademark of Apple Computer Inc.
Atari is a Registered Trademark of Atari Inc.

SERVICE REQUEST FORM
EDU-WARE SERVICES, INC.

P.O. Box 22222
Agoura, Ca. 91301

Product: _____ Media: _____

System: _____

SERVICE	AMOUNT	AMOUNT ENCLOSED
Warranty Service	(no charge)	
Defective Media/Update	\$5.00	
Shipping	\$2.00 unless covered by warranty	
5. TOTAL (enclose check or C.O.D. charges will be added)		

6. DESCRIPTION OF PROBLEM (Be as complete as possible. Use separate sheets if necessary. If applicable, be sure to specifically describe the operation you were performing when the failure occurred.)

7. Purchased From: _____ 8. Date: _____

9. Please use this space for your address. It will be used as a mailing label (include zip code).

10. TELEPHONE #:

() _____

PROBLEMS?

Edu-Ware is firmly committed to supporting the users of its products. This support consists of a 30-day limited warranty, followed by unlimited low-cost service and updates. Note that the Edu-Ware Warranty applies equally to both "glitches" (bad media problems) and "bugs" (program errors).

Regardless of the nature of your problem, we would ask you to use the form on the back of this page in addressing our Service Department. In the event that charges are in order, please accompany your service request with a check or money order, otherwise your return shipment will be sent via U.P.S., C.O.D. Please note that in all cases, you must include your original serialized program diskette as proof of purchase. (However, we normally replace it with a fresh diskette.)

IMPORTANT NOTE:

Many program errors are the result of a defective disk drive, and not program "bugs" or "glitches." Whenever you experience software trouble, you should compare the results of the various commercial software packages you may own. If you consistently find trouble, consult your computer dealer.

EDU-WARE 30-DAY LIMITED WARRANTY

Edu-Ware Services, Inc. warrants this software package to operate within all specifications contained in its accompanying documentation. Should this package fail to meet its specifications within 30 days of purchase by the end user, Edu-Ware Services, Inc. will, at its sole discretion:

1. Correct the failure, by replacement of the defective or error-laden media, upon receipt of the defective program diskette, proof of purchase date, and written description of the problem.

—OR—

2. Refund the original purchase price, upon receipt of the defective program, documentation and accompanying materials.

This warranty is null and void in cases where the user has attempted to make modifications in the program, physically damaged the program diskette, or obtained the product through an unauthorized or illegal distribution channel.

Edu-Ware Services, Inc. will assume no responsibility for the suitability of its products to the user's application. The purchaser must assume a responsibility for the suitability of the application. EduWare Services, Inc. reserves the right to make improvements in its products at anytime without notice, and to replace any defective products with improved versions.

Incidental and consequential damages caused by the malfunction, defect or otherwise, and with respect to the breach of any expressed or implied warranty are not the responsibility of Edu-Ware Services, Inc., and to the extent permitted by law, are hereby excluded both for property damage, and to the extent not unconscionable, for personal injury damage. Some states do not allow the exclusion of incidental or consequential damages, so the above may not apply to all users.

Now that you have purchased your INTERACTIVE FANTASY, you may wish to receive a catalog and information about updates and new releases. If so, fill out this card and drop it in the mail. (The information which you supply will help us in our market research.)

PRODUCT NAME _____

VERSION # (displayed when you boot your disk) _____

YOUR NAME _____

STREET ADDRESS _____

CITY _____

STATE _____

ZIP _____

PHONE # _____

How did you hear about this product? _____

Are you the end-user? Yes ☐ No ☐

Your Age? -17 ☐ 18-25 ☐ 26-35 ☐ 36-45 ☐ 46-55 ☐ 55- ☐

Comments? _____



T.M.



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL

FIRST CLASS

PERMIT NO. 4

AGOURA, CA

POSTAGE WILL BE PAID BY ADDRESSEE

Customer Support
Edu-Ware Services, Inc.
P.O. Box 22222
Agoura, CA 91301

